

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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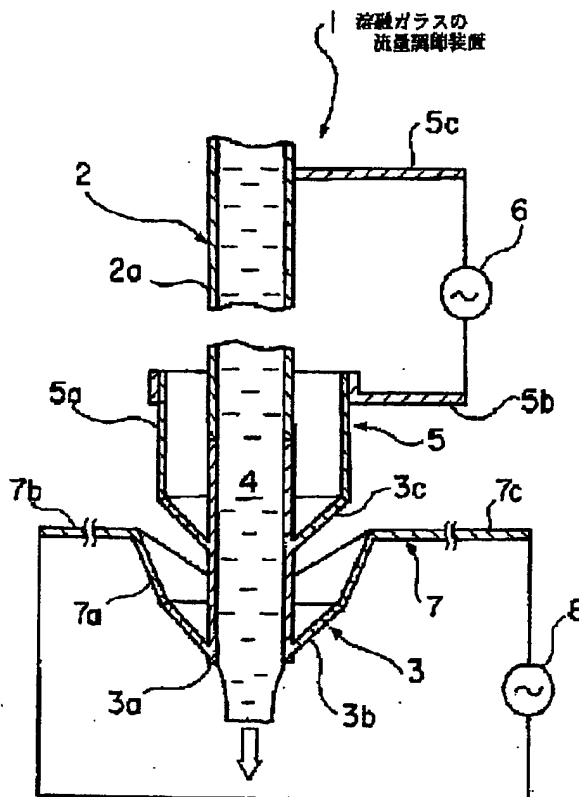
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APPLICANT : HOYA CORP;

INVENTOR : FUKUSHIMA HIROSHI;

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TITLE : FLOW RATE REGULATOR FOR  
MOLTEN GLASS AND GLASS  
PRODUCT



ABSTRACT : PURPOSE: To prevent a pipe tip from being devitrified while maintaining the flow rate of a molten glass in the optimum state by installing a specific constitution in the subject apparatus for regulating the flow rate in feeding the molten glass to a forming mold.

CONSTITUTION: This regulator is obtained by installing a pipe 2, connected to a molten glass tank, capable of leading a molten glass 4 to a forming mold and formed of a metal having a high electroconductivity, e.g. platinum or palladium, a main heating means capable of heating most of the pipe 2 other than a tip thereof, comprising, e.g. an AC power source 6 and electroconductive members 5b and 5c and a tip heating means capable of independently heating the tip 3a of the pipe 2. An electric power source feeder (an AC power source 8 and electroconductive members 7b and 7c) for making an electric current flow through the tip 3a is preferably provided as the tip heating means.

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